Amendments

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application. Currently amended claims are shown with additions underlined and deletions in strikethrough text. No new matter is added by this amendment.

Listing of Claims:

Claims 1-52 (Cancelled).

Claim 53 (Currently Amended) The method of claim 45, A method comprising:
receiving a haptic-feedback signal at a haptic-feedback device, the haptic-feedback device being configured to provide input data to an associated graphical environment; and
filtering sensor data based on the haptic-feedback signal to produce the input data operative to reduce visual disturbance in the associated graphical environment, wherein the selectively filtering the sensor data includes including filtering the sensor data only when the haptic-feedback signal causes the outputting of the haptic feedback.

Claim 54 (Cancelled).

Claim 55 (Currently Amended) The method of claim 45, A method, comprising:
receiving a haptic-feedback signal at a haptic-feedback device, the haptic-feedback device being configured to provide input data to an associated graphical environment; and
filtering sensor data based on the haptic-feedback signal to produce the input data operative to reduce visual disturbance in the associated graphical environment, wherein the selectively filtering includes including modifying the sensor data by time-averaging the sensor data to create filtered input data.

Claim 56 (Currently Amended) The method of claim 45, A method comprising:

receiving a haptic-feedback signal at a haptic-feedback device, the haptic-feedback device being configured to provide input data to an associated graphical environment; and

filtering sensor data based on the haptic-feedback signal to produce the input data operative to reduce visual disturbance in the associated graphical environment, ~~wherein~~ the selectively filtering ~~includes~~ including modifying the sensor data to produce a held data value by sampling and holding a data value derived from the sensor data based on a movement of the haptic-feedback device without output of haptic feedback, the input data ~~includes~~ including the held data value.

Claims 57-60 (Cancelled).

Claim 61 (Currently Amended) ~~The method of claim 57,~~ A method, comprising:

receiving a haptic-feedback signal at a haptic-feedback device;

outputting haptic-feedback based on the haptic-feedback signal;

filtering sensor data to produce input data according to a disturbance filter process associated with the haptic feedback, the sensor data being based on a movement of the haptic-feedback device during the outputting of the haptic feedback, the filtering of the input data operative to reduce disturbance in an associated graphical environment caused by the output of the haptic feedback, ~~wherein~~ the disturbance filter process ~~includes~~ including modifying the sensor data by time-averaging the sensor data; and

updating the associated graphical environment based on the input data.

Claims 62-65 (Cancelled).

Claim 66 (Currently Amended) ~~The apparatus of claim 65,~~ An apparatus comprising:

an actuator configured to receive a haptic-feedback signal, the actuator configured to produce haptic feedback based on the haptic feedback signal;

a sensor coupled to the actuator, the sensor configured to detect a movement of the sensor, ~~wherein~~ the sensor ~~is~~ being configured to receive a command from a host computer in communication with the sensor to activate the filter; and

a filter configured to receive sensor data from the sensor and to provide input data to an associated graphical environment based on the haptic-feedback signal.

Claims 67-68 (Cancelled).